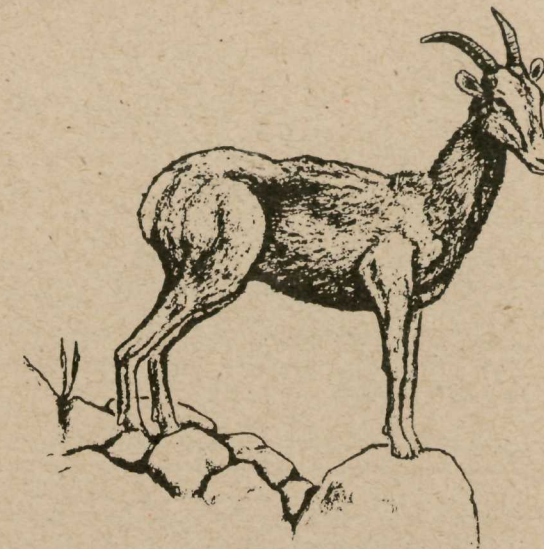


- \_\_\_ WESTERN PIPISTRELLE, *Pipistrellus hesperus*. Roosts in rock crevices.
- \_\_\_ TOWNSEND'S BIG-EARED BAT, *Plecotus townsendii*. Found in abandoned mine tunnels and shafts from 3000 to 6000 feet.
- \_\_\_ HOARY BAT, *Lasiurus cinereus*. Roosts in trees; found around well watered areas.
- \_\_\_ PALLID BAT, *Antrozous pallidus*. Roosts in crevices in caves.
- \_\_\_ BRAZILIAN FREE-TAILED BAT, *Tadarida brasiliensis*. Roosts in caves, crevices, and buildings.
- \_\_\_ NUTTALL'S COTTONTAIL, *Sylvilagus nuttalli*. Surrounding mountains.
- \_\_\_ DESERT COTTONTAIL, *Sylvilagus audobonii*. Mesquite thickets on valley floor.
- \_\_\_ BLACK-TAILED JACKRABBIT, *Lepus californicus*. Near valley floor and in mountains.
- \_\_\_ PANAMINT CHIPMUNK, *Eutamias panamintinus*. Pinyon-juniper belt of Panamint and Grapevine Mountains.
- \_\_\_ WHITE-TAILED ANTELOPE SQUIRREL, *Ammospermophilus leucurus*. Mesquite hummocks of valley floor to over 6000 feet in mountains; common along roadsides.
- \_\_\_ CALIFORNIA GROUND SQUIRREL, *Spermophilus beecheyi*. Hunter Mountain area of Cottonwood Mountains.
- \_\_\_ ROUND-TAILED GROUND SQUIRREL, *Spermophilus tereticaudus*. Low desert; mesquite thickets near Furnace Creek; common along roadsides.
- \_\_\_ MOHAVE GROUND SQUIRREL, *Spermophilus mohavensis*. Inhabits gentle slopes in the Wingate Wash area.
- \_\_\_ PANAMINT POCKET GOPHER, *Thomomys umbrinus scapterus*. Panamint and Grapevine Mountains.
- \_\_\_ PYGMY POCKET GOPHER, *Thomomys umbrinus oreocus*. Higher elevations in surrounding mountains; up to 10,000 feet on Telescope Peak.
- \_\_\_ GREAT BASIN POCKET MOUSE, *Perognathus parvus*. Grapevine Mountains.
- \_\_\_ LITTLE POCKET MOUSE, *Perognathus longimembris*. Sage habitat at Harrisburg Flat.

- \_\_\_ LONG-TAILED POCKET MOUSE, *Perognathus formosus mohavensis*. Grapevine Mountains.
- \_\_\_ DESERT POCKET MOUSE, *Perognathus penicillatus*. Mesquite Flat.
- \_\_\_ CHISEL-TOOTHED KANGAROO RAT, *Dipodomys microps*. Harrisburg Flat in dry, sandy soil with sparse vegetation.
- \_\_\_ PANAMINT KANGAROO RAT, *Dipodomys panamintinus*. Northern Panamint Mountains between 6000 and 7000 feet.
- \_\_\_ MERRIAM'S KANGAROO RAT, *Dipodomys merriami*. Dry, sandy soil on the valley floor.
- \_\_\_ DESERT KANGAROO RAT, *Dipodomys deserti*. Dry locations on valley floor, especially around mesquite.
- \_\_\_ WESTERN HARVEST MOUSE, *Reithrodontomys megalotis*. Well watered areas: Salt Creek, Furnace Creek, Hanaupah Canyon, Wildrose.
- \_\_\_ CACTUS MOUSE, *Peromyscus eremicus*. Higher elevations in Grapevine and Cottonwood Mountains.
- \_\_\_ DEER MOUSE, *Peromyscus maniculatus*. Valley floor and mountains.
- \_\_\_ CANYON MOUSE, *Peromyscus crinitus*. Surrounding mountains and rocky canyons.
- \_\_\_ BRUSH MOUSE, *Peromyscus boylii*. Northern Panamint Mountains.
- \_\_\_ PINON MOUSE, *Peromyscus truei*. Rocky areas in pinyon-juniper belt.
- \_\_\_ SOUTHERN GRASSHOPPER MOUSE, *Onychomys torridus*. Throughout Death Valley below 5500 feet.
- \_\_\_ DESERT WOODRAT, *Neotoma lepida*. From salt marshes into surrounding mountains.
- \_\_\_ BUSHY-TAILED WOODRAT, *Neotoma cinerea*. Pinyon-juniper area of northern Panamint mountains.
- \_\_\_ HOUSE MOUSE, *Mus musculus*. In and around human dwellings.
- \_\_\_ PORCUPINE, *Erethizon dorsatum*. Grapevine, Panamint, and Cottonwood Mountains.

- \_\_\_ COYOTE, *Canis latrans*. From salt flats into mountains; common around mesquite thickets.
- \_\_\_ KIT FOX, *Vulpes velox*. Common through most of Death Valley; nocturnal; Sand Dunes and Furnace Creek.
- \_\_\_ GRAY FOX, *Urocyon cinereoargenteus*. East side of Grapevine Mountains.
- \_\_\_ RINGTAIL, *Bassariscus astutus*. Nocturnal; rocky terrain in the arid brush and tree areas.
- \_\_\_ BADGER, *Taxidea taxus*. Low desert into mountains; Daylight Pass.
- \_\_\_ SPOTTED SKUNK, *Spilogale putorius*. Mountains surrounding Death Valley.
- \_\_\_ MOUNTAIN LION, *Felis concolor*. Surrounding mountains.
- \_\_\_ BOBCAT, *Lynx rufus*. From sea level into mountains.
- \_\_\_ BURRO, *Equus assinus*. Introduced in the 1880's; Panamint, Cottonwood, and Grapevine Mountains.
- \_\_\_ HORSE, *Equus caballus*. Introduced; Hunter Mountain, Cottonwood Basin, Pinto Peak, Grapevine Mountains
- \_\_\_ MULE DEER, *Odocoileus hemionus*. Along eastern and western boundaries of the Monument in Panamint, Cottonwood, and Grapevine Mountains.
- \_\_\_ DESERT BIGHORN SHEEP, *Ovis canadensis nelsoni*. Throughout Death Valley at all elevations; inaccessible ridges and canyons, usually near water.

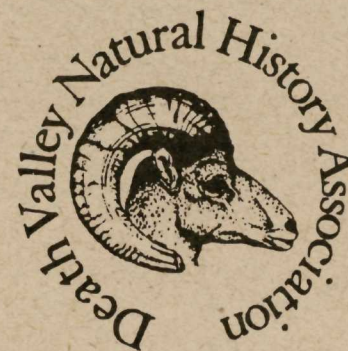


## Fishes, Amphibians, Reptiles, And Mammals of Death Valley National Monument

Death Valley National Monument covers over 3200 square miles of western desert terrain. The habitat varies from the salt pan below sea level to the sub-alpine conditions found on the summit of Telescope Peak, which rises to 11,049 feet. Vegetation zones include creosote bush, desert holly, and mesquite at the lower elevations and range up through shadscale, blackbrush, Joshua tree, pinyon-juniper, to limber pine and bristlecone pine woodlands. Annual precipitation varies from 1.64 inches below sea level to over 15 inches in the higher mountains that surround the valley. The salt pan is devoid of vegetation, and the rest of the valley floor and lower slopes have sparse cover, yet where water is available, an abundance of vegetation is usually present. Natural ponds, springs, and small streams provide habitats for five species of fish; a sixth introduced species lives in the irrigation ditches at Furnace Creek.

A network of roads and trails provides access to all of the vegetation zones. Be sure to check with a park ranger for travel details before venturing off main routes of travel.

This list of 6 fishes, 5 amphibians, 36 reptiles, and 51 mammals represents observations and studies reported primarily since 1933.



Art work by Kevin Emmerich  
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## FISHES



Desert Pupfish

AMARGOSA PUPFISH, *Cyprinodon nevadensis amargosa*. Found in the Amargosa River northwest of Saratoga Springs.

SARATOGA PUPFISH, *Cyprinodon nevadensis nevadensis*. Found in Saratoga Springs at the south end of Death Valley.

DEVIL'S HOLE PUPFISH, *Cyprinodon diabolis*. Found in Devil's Hole, 37 miles east of Death Valley in western Nevada. An endangered species.

SALT CREEK PUPFISH, *Cyprinodon salinus*. Found in Salt Creek in the central part of Death Valley.

COTTONBALL MARSH PUPFISH, *Cyprinodon milleri*. Found in Cottonball Marsh on the west side of central Death Valley. A threatened species.

WESTERN MOSQUITOFISH, *Gambusia affinis*. Introduced into Furnace Creek irrigation ponds and streams.



Red Spotted Toad

## AMPHIBIANS

INYO MOUNTAINS SLENDER SALAMANDER, *Batrachoseps campbelli*. Rare; found in riparian areas in the Panamint Mountains.

RED SPOTTED TOAD, *Bufo punctatus*. Common at Furnace Creek; also found in water areas at Saratoga Springs, Cottonwood Springs, and at springs in Johnson, Hanaupah and Emigrant Canyons.

WESTERN TOAD, *Bufo boreas*. Introduced in the middle portion of this century to the Furnace Creek area, where it is locally abundant.

PACIFIC TREEFROG, *Hyla regilla*. Water areas throughout Death Valley: Scotty's Castle, Furnace Creek, Saratoga Springs, and at springs in Johnson and Hanaupah Canyons.

BULLFROG, *Rana catesbeiana*. Introduced around 1920 at Furnace Creek.

## REPTILES



Banded Gecko

DESERT TORTOISE, *Gopherus agassizii*. Found in the flats and surrounding foothills from 1500 to 3500 feet; lives in burrows. A threatened species.

DESERT BANDED GECKO, *Coleonyx variegatus variegatus*. Nocturnal; around springs and well watered places from valley floor to 3500 feet.

DESERT IGUANA, *Dipsosaurus dorsalis*. In and around mesquite hummocks and other similar locations with fine sandy soil; in low canyons and washes up to 3000 feet; Sand Dunes, Westside Road, north of Furnace Creek Campground, Saratoga Springs.

CHUCKWALLA, *Sauromalus obesus*. Areas of large rocks and boulders on alluvial fans and in canyons; throughout Death Valley up to 5000 feet; Towne Pass, Dante's View road, Titus Canyon.

ZEBRA-TAILED LIZARD, *Callisaurus draconoides*. Sandy and gravelly areas near dunes and in washes; common on roads in morning in spring, summer, and fall.

MOJAVE FRINGE-TOED LIZARD, *Uma scoparia*. Sand dunes southeast of Saratoga Springs.

COLLARED LIZARD, *Crotaphytus collaris*. Among rocks in hilly areas and washes, on slopes; from 1000 to 5000 feet.

LEOPARD LIZARD, *Crotaphytus wislizenii*. Valley floor to 3600 feet on alluvial fans, in canyons and washes with scattered vegetation.

DESERT SPINY LIZARD, *Sceloporus magister magister*. Rocky slopes and canyons from 3500 to 7000 feet around vegetation.

GREAT BASIN FENCE LIZARD, *Sceloporus occidentalis biseriatus*. Rocky areas over wide elevation range; rock outcrops, canyons, near springs.

SAGEBRUSH LIZARD, *Sceloporus graciosus*. From sagebrush through pinyon-juniper up to 10,500 feet.

DESERT SIDE-BLOTCHED LIZARD, *Uta stansburiana*. Throughout Death Valley below 5000 feet in gravelly and rocky areas. Active on warm days all year.

WESTERN BRUSH LIZARD, *Urosaurus graciosus graciosus*. Low desert in and around creosote bush and mesquite.

SOUTHERN DESERT HORNED LIZARD, *Phrynosoma platyrhinos calidiarum*. Sandy, gravelly areas; low desert to over 5000 feet.

DESERT NIGHT LIZARD, *Xantusia vigilis vigilis*. In and near Joshua trees; under debris; near Dante's View, over 9000 feet in Panamint Mountains.

WESTERN SKINK, *Eumeces skiltonianus skiltonianus*. Moist areas with good cover in pinyon-juniper.

WESTERN RED-TAILED SKINK, *Eumeces gilberti rubricaudatus*. Found in isolated populations in Hanaupah and Johnson Canyons in the Panamints.

GREAT BASIN WHIPTAIL, *Cnemidophorus tigris tigris*. Dry sandy areas with sparse vegetation; rocky areas of upper washes; mesquite thickets and vegetated areas of Greenwater Valley and Harrisburg Flat.

PANAMINT ALLIGATOR LIZARD, *Gerrhonotus panamintinus*. Panamint and Grapevine Mountains above 3500 feet.

WESTERN BLIND SNAKE, *Lepotyphlops humilis*. Nocturnal; under rocks, among roots on brush covered slopes; from below sea level to 4000 feet.

ROSY BOA, *Lichanura trivigata*. Low foothills and canyons below 4500 feet; in sandy and gravelly habitats.

WESTERN LEAF-NOSED SNAKE, *Phyllorhynchus decurtatus perkinsi*. Nocturnal; sandy and gravelly soil; rocky foothills.

COACHWHIP (RED RACER), *Masticophis flagellum piceus*. Sandy mesquite hummocks, gravelly desert; rocky foothills.

STRIPED WHIPSNAKE, *Masticophis taeniatus*. Willow Creek in Black Mountains; Hunter Spring in Cottonwood Mountains.

DESERT PATCH-NOSED SNAKE, *Salvadora hexalepis hexalepis*. Rocky and sandy areas from lower slopes and washes up to Towne Pass.

DESERT GLOSSY SNAKE, *Arizona elegans eburnata*. Nocturnal; mostly in sandy or gravelly areas.

GREAT BASIN GOPHER SNAKE, *Pituophis melanoleucus deserticola*. From rock-strewn desert foothills into mountains.

CALIFORNIA KING SNAKE, *Lampropeltis getulus californiae*. Panamint Mountains from Emigrant Canyon to Wildrose; Daylight Pass.

WESTERN LONG-NOSED SNAKE, *Rhinocheilus lecontei lecontei*. Nocturnal; Aguerberry Point, Towne Pass, Daylight Pass.

WESTERN GROUND SNAKE, *Sonora semiannulata*. Sandy or fine gravel soil to over 4000 feet; Wildrose Canyon, Greenwater, Daylight Pass.

MOJAVE SHOVEL-NOSED SNAKE, *Chionactis occipitalis occipitalis*. Sandy areas of the low desert; sage flats.

UTAH BLACK-HEADED SNAKE, *Tantilla planiceps utahensis*. Nocturnal; Panamint Mountains.

CALIFORNIA LYRE SNAKE, *Trimorphodont biscutatus vandenburghi*. From sea level to over 4000 feet in rocky areas.

DESERT NIGHT SNAKE, *Hypsiglena torquata*. Many habitats from below sea level to over 5000 feet.

PANAMINT RATTLESNAKE, *Crotalus mitchelli stephensi*. Below sea level to over 7000 feet, usually in foothills and mountains.

MOJAVE DESERT SIDEWINDER, *Crotalus cerastes cerastes*. Nocturnal; mesquite hummocks; from below sea level to 4500 feet.

## MAMMALS



Kangaroo Rat

DESERT SHREW, *Notiosorex crawfordi*. Found in sagebrush; sometimes in masses of vegetation at the base of desert plants.

FRINGED MYOTIS, *Myotis thysanodes*. Roosts in caves, mines, and buildings; juniper forests and desert scrub.

CALIFORNIA MYOTIS, *Myotis californicus*. Roosts in caves and buildings.

SMALL-FOOTED MYOTIS, *Myotis subulatus*. Cave bat.

SILVER-HAIRED BAT, *Lasionycteris noctivagans*. Found around water in forested areas.